

**Visiting Associate Professor of Economics, Department of Economics, University of California, Berkeley, California, 1985 - 1986.**

**Tinker Postdoctoral Fellow, Department of Economics, University of Chicago, 1983/84.**

**Assistant Professor of Economics, Department of Economics, University of Pennsylvania, 1980/1984.**

**Visiting Assistant Professor, Tel Aviv University, Summer 1981.**

**Researcher, Falk Institute for Economic Research in Israel, Jerusalem, Israel, 1975/1976.  
Member of the Falk Innovation Project Group.**

**Visiting Researcher, Science Policy Research Unit, University of Sussex, Brighton, England, Summer 1975.**

## **ACADEMIC HONORS AND GRANTS**

**National Center for Supercomputer Applications, PROBE Grant for High Power Computing, 1992 - present.**

**National Science Foundation Grant for Rational Models of the Supreme Court: A Study of the Certiorari Process, 1991/1993.**

**Bradley Foundation Grant for a Conference on the Economics and Politics of Administrative Law and Procedures, 1991.**

**National Science Foundation Grant for Empirical Models of Hub-and-Spoke Network Airlines, 1991/1993, with J. Brueckner.**

**National Science Foundation Grant for Rational Models of the Supreme Court, 1990/1991.**

**Ameritech Research Project Grant for the Illinois Seminar on the Political Economy of Institutions, 1990/1991.**

**Ameritech Research Project Grant for a Conference on the Economics and Politics of Administrative Law and Procedures, 1990.**

**UIUC Campus Research Board Grant, for a project on "Rational Choice Models of the Supreme Court," 1990/1991.**

**University of California, Institute of Government, Grant for Research on Political Economy, 1990.**

**Ameritech Research Project Grant for the Illinois Seminar on the Political Economy of**

**Institutions, 1989/1990.**

**Ameritech Research Fellowship, University of Illinois, 1989/1990.**

**UIUC Campus Research Board Grant, for a project on "Competition and Entry in the Deregulated Airline Industry: A Renewal," 1989/90.**

**Ameritech Research Fellowship, University of Illinois, 1988/1989.**

**Ameritech Research Project Grant for the Illinois Seminar on the Political Economy of Institutions, 1988/1989.**

**UIUC Campus Research Board Grant, for a project on "Competition and Entry in the Deregulated Airline Industry," 1988/89.**

**Center for Economic Policy Research Grant, Stanford University, 1986/1987.**

**Tinker Postdoctoral Fellowship at the Department of Economics of the University of Chicago, 1983/1984.**

**Wharton Center for International Management Studies Research Grant 1981/1983.**

**Young Faculty Fellowship Award, University of Pennsylvania, Summer 1981.**

**Center for the Study of the Economy and the State, Ph.D. Dissertation Research Grant, 1979/1980.**

**Ohlin-Center for the Study of the Economy and the State Fellowship, University of Chicago, 1979/1980.**

**Lilly Fellowship, University of Chicago, 1976/1979.**

**International Trade Workshop Fellowship, Hebrew University of Jerusalem, 1975.**

**Dean's Excellence List, 1974, Hebrew University of Jerusalem.**

**Dean's Excellence List, 1973, Hebrew University of Jerusalem.**

## **CONSULTING AND LITIGATION EXPERIENCE**

**Consultant for Pacific Telesis on MFJ legislation, 1994-.**

**Consultant for Pacific Gas Transmission Company on gas pipeline pricing methods, 1994-.**

**Consultant for the Modified Final Judgement (MFJ) Task Force 1993-94.**

**Consultant for Ameritech on the Effects of State Regulation of Telecommunications on Telecommunications Infrastructure, 1993-.**

**Consultant on Electricity Transmission Pricing in New Zealand, Mercury Energy, 1993.**

**Consultant for Baker & McKenzie, on "Reed-Union v. Turtle Wax," 1993.**

**Consultant for Dennenberg, Tuffley, & Jamienson, on "Tricom, Inc. v. EDS," 1993.**

**Consultant, Department of Transportation, Airline Operations at Major Hubs, 1990-1992.**

**Consultant for Conoco in joint venture with Total (retained by Professor David Scheffman, Vanderbilt University), 1991.**

**Expert witness on "Prime Time 24, et al. v. TCI et al.," a merger injunction case. Retained by Dickstein, Shapiro and Morin, Washington, DC, 1990.**

**Consultant for the Pepsi Cola Co. on effects of bottlers' acquisition, project organized by Collier, Shannon and Scott.**

**Consultant for Johnson & Johnson in merger with Playtex (retained by Professor Janusz Ordover, NYU, 1988). Merger was not consummated.**

**Expert witness on "Minpeco v. N.B. Hunt, et al.," a price fixing, monopolization, commodity case. Retained by Cole, Corette and Abrutyn, Washington, DC, 1987-1988, counsel for plaintiff. Plaintiff awarded \$133 million.**

**Expert witness on "Wallace Berrie v. DeYoung et al.," a vertical restraint, price fixing and monopolization case. Retained by Krinsky, Luterman, Levy and Angstreich, Philadelphia, PA, counsel for DeYoung, 1984-1985. Deposed. Settled out of court.**

**Consultant, Federal Trade Commission, Bureau of Economics (1984-). Antitrust and Regulation.**

## **OVERSEAS REGULATORY CONSULTING EXPERIENCE**

**Consultant, Foreign Investment Advisory Service; Design of Policies to Promote Foreign Direct Investment in Infrastructure Projects, 1993-.**

**Consultant, The World Bank; Design of Antitrust Policy and Organization of Antitrust Agency in Colombia, (1993-).**

**Consultant, The World Bank; Design of Regulatory Policy for Utilities in Colombia, (1993-).**

**Consultant, The World Bank; Regulation and Private Sector Development, Latin America Division, (1993).**

Consultant, United Nations; Regulation of Services in Uruguay, (1993-).

Consultant, World Bank; Design of Regulatory Policy for Privatized Utilities in Bolivia, (1992-).

Consultant, World Bank; Design of Regulatory Agencies for Privatized Utilities in Argentina, (1991).

Consultant, World Bank; Regulatory and Antitrust Policy in Jamaica, (1991-1992).

Director, World Bank Project on "Regulations, Institutions and Economic Efficiency,"(1991-).

Consultant, World Bank; Regulatory policy in developing countries, Public Sector Management Private Sector Development Division, (1990-).

Consultant, World Bank; Malaysia, regulation of public utilities, (1991-).

Consultant, World Bank; Commonwealth of Dominica, trade liberalization and industrial restructuring, (1988/1989).

Consultant, World Bank; Uruguayan trade liberalization policy (1983/1989).

Consultant, United Nations Development Program: Regulatory policy for Uruguayan Telephone, Water, Electricity and Gas Utilities, (1980/1982).

Consultant, Central Bank of Uruguay: Banking Regulation and Telecommunications Policy (1980/1983).

## **PUBLICATIONS**

### **ARTICLES**

53. "The Institutional Foundations of Regulatory Commitment: A Comparative Analysis of Five Country Studies of Telecommunications Regulation," with Brian Levy (1994), forthcoming, *Journal of Law, Economics and Organization*.
52. "Political Appointees vs. Carrier Civil Servants: A Multiple-Principals Theory of Political Institutions," with S. Urbiztondo, forthcoming, *European Journal of Political Economy*, (1994).
51. "Fares and Network 'Feed': Estimating Economies of Traffic Density in Airline Hub-and-Spoke Networks," with J. Brueckner, forthcoming, *Journal of Law and Economics* (1994).
50. "Regulatory Commitment and utilities' Privatization: Implications for Future Comparative Research," forthcoming in Banks, J. and E. Hanusheck, Eds., *The Research Agenda in Political Economy*, University of Rochester (1993).

49. Book review of "Telecommunications Pricing: Theory and Practice," by Mitchell, M. Bridger and Ingo Vogelsang, forthcoming, *Journal of Economic Literature* (1993).
48. "Regulations, Institutions and Commitment in Telecommunications: A Comparative Study of Five Countries," with Brian Levy, forthcoming, *The World Bank Economic Review* (1993).
47. "Institutions and Regulatory Commitment in Utilities' Privatization," forthcoming, *Industrial and Corporate Change* (1993).
46. "A Positive Theory of Legislative Intent," with E. Schwartz and S. Urbiztondo, forthcoming, *Law and Contemporary Problems* (1993).
45. "Fare Determination in Airlines Hub-and-Spoke Networks," with J. Brueckner and N. Dyer, *Rand Journal of Economics*, Vol. 23, No. 3 (Autumn 1992), pp. 309-333.
44. "Congressional Control or Judicial Independence: The Determinants of U.S. Supreme Court Labor Decisions: 1949/1987," with R. Gely, *Rand Journal of Economics* (1992).
43. "Strategy and Transaction Costs in the Carbonated Soft Drink Industry," with T. Muris and D. Scheffman, *Journal of Economics and Management Strategy*, Vol. 1, No. 1 (Spring 1992), pp. 83-129.
42. "The Economics and Politics of Administrative Law and Procedures: An Introduction," with J. Ferejohn, *Journal of Law, Economics and Organization*, Vol. 8, No. 1 (1992), pp. 1-7.
41. "Judicial Choice of Legal Doctrines," with M. Spitzer, *Journal of Law, Economics and Organization*, Vol. 8, No. 1 (1992), pp. 8-46.
40. "The Political Economy of Supreme Court Constitutional Decisions: The Case of Roosevelt's Court Packing Plan," with R. Gely, 12 *International Review of Law and Economics* (1992), pp. 45-67.
39. "Buyers' Strategies, Competition, and Entry Barriers," with D. Scheffman, *Economic Inquiry*, Vol. XXX, No. 3 (1992), pp. 418-436.
38. "Rationality, Decision Rules and Collegial Courts," forthcoming, *International Review of Law and Economics* (1992).
37. "Agency Discretion under Judicial Review," in Formal Theory of Politics II: Mathematical Modelling in Political Science, Vol. 16, No. 8/9, *Mathematical and Computer Modelling*, (1992), pp. 185-200.
36. "A Congressional Theory of Indian Property Rights: The Cherokee Outlet," with L. Alston, Property Rights and Indian Economics, T. Anderson (ed.), Landham, Maryland: Rowman and Littlefield Publishers, Inc., (1991).
35. "Competition and Mergers in Network Airlines," with J. Brueckner, 9 *International Journal of*

*Industrial Organization* (1991), pp. 323-42.

34. "The Timing and Sequencing of a Trade Liberalization Policy: The Case of Uruguay," with E. Favaro, Liberalizing Foreign Trade: The Experience of Argentina, Chile and Uruguay, M. Michaely (ed.), New York: Basil Blackwell Inc., (1991).
33. "Government Institutions and Regulatory Policy: A Rational Choice Analysis of Telecommunications Deregulation," forthcoming P. Quirck and R. Rich, Understanding and Improving Public Decision Making, IGPA, University of Illinois (1990).
32. "A Rational Choice Theory of Supreme Court Statutory Decisions, with Applications to the State Farm and Grove City Cases," with R. Gely, 6 *Journal of Law, Economics and Organization* (1990), pp. 263-301.
31. "Agency and the Role of Political Institutions," Information and Democratic Process, J. Ferejohn and J. Kuklinsky (eds.), University of Illinois Press, Urbana, Illinois (1990).
30. "Politicians, Interest Groups and Regulators: A Multiple Principals Agency Theory of Regulation, (or Let Them Be Bribe)," XXXIII *Journal of Law and Economics* (April 1990), pp. 65-101.
29. "Competition and Entry in Small Airline Markets," with P. Reiss, XXXII *Journal of Law and Economics* (December 1989), pp. S179-S202.
28. "Empirical Approaches to Market Power," with D. Scheffman, XXXII *Journal of Law and Economics* (December 1989), pp. S3-S10.
27. "A Note on Pricing on Hub-And-Spoke Networks," 30 *Economics Letters* (1989), pp. 165-169.
26. "Arbitrage During the Dollar-Sterling Gold Standard, 1890-1908: An Econometric Perspective," with R. Wood, *Journal of Political Economy*, Vol. 96, No. 4 (August 1988), pp. 882-892.
25. "The Estimation of Transaction Costs in Arbitrage Models," with R. Wood, 39 *Journal of Econometrics* (1988), pp. 309-326.
24. "Incentive Schemes with Multiple Agents and Bankruptcy Constraints," with J. Demski and D. Sappington, *Journal of Economic Theory*, Vol. 44, No. 1 (February 1988), pp. 156-167.
23. "The Political Economy of Industrial Regulations: A Survey with Implications for Regulation Studies in Developing Countries," Special Anniversary Issue, Vol. 15, No. 3, *Estudios de Economia*, Vol. XV, No. 3 (December 1988), pp. 419-470.
22. "Geographic Market Definition Under the DOJ Merger Guidelines," with D.T. Scheffman, XXX *Journal of Law and Economics* (April 1987), pp. 123-147.
21. "Managing Supplier Switching," with J. Demski and D. Sappington, *Rand Journal of*

*Economics* (Spring 1987), pp. 77-97.

20. "International Technological Diffusion, Product Differentiation and Economies of Scale," with Colin Lawrence, Structural Change, Economic Interdependence, and World Development, J.H. Dunning and M. Usui (eds.), London: McMillan Press, (1987).
19. "Entry Barriers and Multiproduct Oligopolies: Do They Forebear or Spoil?" with M. Gelfand, *5 International Journal of Industrial Organization* (1987), pp. 101-113.
18. "On the Definition of Markets: Wholesale Gasoline in the Northeastern United States," with C. Huang, *Journal of Industrial Economics* (December 1986), pp. 131-145.
17. "Comments," *Empirical Approaches to Consumer Protection Economics*, P. Ippolito and D. Scheffman (eds.), Federal Trade Commission, (1986).
16. "Treble Damages and Optimal Suing Time," *Research in Law and Economics*, Vol. 9 (1986), pp. 45-56.
15. "Trade Liberalization in Oligopolistic Industries: The Quota Case," with E. Buffie, *20 Journal of International Economics* (1986), pp. 65-81.
14. "Futures Market Backwardation Under Risk Neutrality," with T. Bresnahan, *Economic Inquiry* (July 1986), pp. 429-442.
13. "Comments on Easterbrook and Snyder," *Journal of Law and Economics*, Vol. XXVIII (2), (May 1985).
12. "Tobin's q and Monopoly Power: A Capital Asset Pricing Perspective," *Economics Letters*, (1985), pp. 261-263.
11. "On Vertical Mergers," *Journal of Law, Economics and Organization*, Vol. 1, No. 2 (Fall 1985), pp. 285-312.
10. "The Effects of Entry Regulation on Oligopolistic Interaction: The Uruguayan Banking Sector," with E. Favaro, *Rand Journal of Economics* (Summer 1984), pp. 244-254.
9. Book review of A Political Economy of Uruguay Since 1870, by M.H.J. Finch, *Journal of Development Economics*, Vol. 13, No. 3 (December 1983), pp. 399-401.
8. "Regulating by Partial Deregulation: The Case of Telecommunications," with G. Knieps, *Administrative Law Review* (October 1983).
7. "The Differential Effect of Airline Regulation on Individual Firms and Markets: An Empirical Analysis," *Journal of Law and Economics* (October 1983).
6. "Assessing the Profitability Effects of Airline Deregulation," *Economics Letters* (November 1983).

5. "On Adjusting for Risk Changes when Assessing the Profitability Effects of Regulatory Changes," *Economics Letters* 10 (1983), pp. 369-374.
4. "Product Diversity, Fixed Costs and International Trade," with C. Lawrence, *Quarterly Journal of Economics*, No. 1 (February 1983), pp. 63-83.
3. "Uncertain Availability, Spatial Location and Regulation: An Application to the Airline Industry," *Managerial and Decision Economics*, Vol. 3, No. 2 (June 1982), pp. 57-69 (Invited paper).
2. "Analysis of R&D Failure," with M. Teubal, *Research Policy* 6 (1977), pp. 254-275.
1. "Methodological Aspects of Innovation Research," with R. Rothwell, J. Townsend and M. Teubal, *Omega*, Vol. 5, No. 4 (1977).

## WORKING PAPERS

9. "Where is the Sin in Sincere: Sophisticated Voting in the Courts," with Matthew Spitzer, University of California, Berkeley (1993).
8. "Invitations to Override: Congressional Reversals of Supreme Court Decisions," with Emerson Tiller, University of California, Berkeley (1993).
7. "Regulations, Institutions and Commitment: The Case of British Telecom," with Ingo Vogelsang, The World Bank, (1993).
6. "Regulations, Institutions and Commitment: The Case of Jamaica Telecommunications," The World Bank, (1993).
5. "Regulation without Commitment: Price Regulation of UK Utilities (with special emphasis on telecommunications)," with Ingo Vogelsang, (1993).
4. "How Not to Do It: Electricity Regulation in Argentina, Brazil, Chile and Uruguay," with L. Viana, (1992). Prepared for the University of California Conference on "International Comparison of Electricity Regulations," Toulouse, France, May 1993.
3. "Interest Groups and the Control of the Bureaucracy: An Agency Perspective on the Administrative Procedure Act," joint with S. Urbiztondo, (revised 1992).
2. "Understanding the Court," with R. Gely, (1990).
1. "Government Institutions and Policy Determination: The Role of Judicial Review," presented at CERES/Fulbright Conference on Institutions and Development, (1990).



**BOOKS**

1. Strategy, Structure and Antitrust in the Carbonated Soft Drink Industry, with T. Muris and D. Scheffman, Quorum Books, 1993.

**WORLD BANK AND OTHER MANUSCRIPTS**

15. "Regulations, Institutions and Economic Efficiency," with Brian Levy, The World Bank, (1991).
14. "The Political Economy of Privatization: Regulatory Considerations," with A. Akin-Karasapan, The World Bank, (1991).
13. "The Determinants of the Real Exchange Rate in Post-War Uruguay," with E. Favaro, The World Bank, (June 1987).
12. "The Political Economy of the Regulation of Informatics: An Agency Approach with Implications for Latin America," prepared for presentation at the IADB-Promethee Conference on "Latin America in the New Informatics World: The Impact of Technological Change and New Entrepreneurial Strategies on Economic Relations and Regional Integration," Sao Paulo, November 1987.
11. "The Political Economy of Brazilian Regulation of Transborder Data Flows," mimeo, The World Bank, (September 1987), prepared for presentation at the World Bank Conference on Trade in Services and Developing Countries.
10. "Industrial Regulations in Developing Countries: Causes and Consequences (A Background Paper for the World Development Report 1986)," The World Bank, (October 1986).
9. "Mobility Barriers In The U.S. Airline Industry," (February 1985), Stanford University.
8. "Price Based Tests of Market Integration: An Application to the Uruguayan Banking Sector," (September 1984), with M. Gelfand, Discussion Paper, Hoover Institution.
7. "Currency Substitution and the Demand for Credit in Uruguay," with M. Gelfand, (September 1984).
6. "On Testing Unions' Motives," with P. Linneman (March 1983). Presented at the NBER Conference on the Economics of Trade Unions," May 6-7, 1983 and at the Summer Meetings of the Econometric Society 1983.
5. "Market Structure, International Trade and Technological Diffusion," with C. Lawrence, (December 1983). Presented at the 1983 Winter Meetings of the Econometric Society.
4. "Cross-subsidization and Non-linear Ramsey Pricing: An Analysis of the Uruguayan Electric Utility," University of Pennsylvania, (1982).

3. "Public Tariffs and Regulatory Policy: Some Observations on the Uruguayan Case," SEPLACODI, Uruguay (1982), in spanish.
2. "Natural Monopoly Regulation: Theories and Policy Implications (with Application to the Uruguayan Telecommunications Sector)," CSOI Discussion Paper #119, University of Pennsylvania (1981).
1. "Public Tariffs and Efficiency: Some Considerations on the Uruguayan Case," SEPLACODI, Uruguay, (1981), in spanish.

### **WORK IN PROGRESS**

"Electricity Regulation in the Southern Cone of South America," research project in four countries financed by the University of California, Universitywide Energy Research Group.

"Regulation, Institutions and Economic Efficiency: Promoting Regulatory Reform and Private Sector Participation in Developing Countries - The Case of Telecommunications," research project in five countries financed by the World Bank.

"Rational Choice Models of the Supreme Court *Certiorari* Decisions."

"The Economics of Hub-and-Spoke Airline Networks," with J. Brueckner.

"The Economics and Politics of Regulatory Reform in Developing Countries."

"Agency Models of Bureaucracy."

### **OTHER PROFESSIONAL ACTIVITIES**

Member, Organizing Committee, 1994 Winter Meetings of the North America Chapter of the Econometric Society.

Member, 1991 Nominating Committee, Western Economic Association.

Member, Organizing Committee, 1991 Summer Meetings of the Econometric Society, Punta del Este, Uruguay.

### **ORGANIZER**

"CRS-PRAIRIE Conference on Open Access to Transmission Networks," Oak Brook Hills, Chicago, May 1993.

"World Bank Conference on Regulations, Institutions and Economic Efficiency: II," San Diego, February 1993.

"Regulatory Policy Roundtable: Implications of the 1992 Clean Air Act Amendments," PRAIRIE, Urbana, November 1992.

"Regulatory Policy Roundtable: Demand Side Management," PRAIRIE, Chicago, October 1992.

PRAIRIE, Program for Research on American and International Regulatory Issues and Environment," Institute of Government and Public Affairs, University of Illinois, 1992.

"World Bank Conference on Regulations, Institutions and Economic Efficiency: I," Berkeley, June 1992.

"Workshop on Electricity Regulation in the Southern Cone," CERES, Montevideo, May 1991.

"Conference on The Economics and Politics of Administrative Law and Procedure, Allerton House, University of Illinois, 1991, published in the *Journal of Law, Economics and Organization*, Vol. 8, No. 1, 1992.

"Fulbright/CERES Conference on Institutions, Transaction Costs and Development," July 1990.

"Fourth Carleton Summer Industrial Organization Seminar," Ottawa, July 1990.

"Fulbright/CERES Symposium on the U.S. Deregulatory Experience," August 1989.

"Ameritech Lecture Series on Regulation," University of Illinois, 1988-.

"Conference on Empirical Approaches to Market Power," Federal Trade Commission, Summer 1988, special issue, *Journal of Law and Economics*, December 1989.

"Illinois Seminar on the Political Economy of Institutions," University of Illinois at Urbana-Champaign, 1987-.

"Working Papers Series on the Political Economy of Institutions," BEBR, University of Illinois, at Urbana-Champaign, 1987-.

"Conference on the Political Economy of Institutions," Hoover Institution, Stanford University, February 1986.

"Conference on the Economics of Organization," University of Pennsylvania, June 1984.

## REFEREE WORK

*Journal of Political Economy, Journal of Law and Economics, Journal of Law, Economics and Organization, Bell Journal of Economics, Rand Journal of Economics, Quarterly Journal of Economics, Economic Inquiry, National Science Foundation, Tinker Foundation, Review of*

*Economics and Statistics, International Journal of Industrial Organization, Journal of Industrial Economics, International Economic Review, Economic Journal, Research in Law and Economics, Mathematical and Computer Modelling, American Bar Foundation Research Journal, Journal of Policy Analysis and Management, American Economic Review, Transportation Journal, Journal of Economic Development.*

## **PRESENTATIONS: 1986-94**

## **CONFERENCES:**

- Annual Meetings of the American Law and Economics Association, May 1994.
- POWER Conference on Electricity Transmission, Oakland, May 1994.
- World Bank Conference on Institutional Economics and Development, February 1994.
- NBER Conference on Industrial Organization, February 1994, Palo Alto.
- CITI conference on The Economics of Networks, New York, New York, November 1993.
- Second Conference of the Wallis Institute on Political Economy, Rochester University, October 1993.
- "Telecommunications Policy Research Conference," Salomons Island, Maryland, October 1993.
- "CRS-PRAIRIE Conference on Open Access to Transmission Networks," Oak Brook Hills, Chicago, May 1993.
- "International Comparison of Electricity Regulation," Toulouse, France, May 1993.
- "Annual Bank Conference on Development Economics," Washington, DC, May 1993.
- "World Bank Conference on Regulations, Institutions and Economic Efficiency: II," San Diego, February 1993.
- Winter Meetings of the AEA, Anaheim, January 1993.
- Inaugural Conference of the Wallis Institute on Political Economy, Rochester University, November 1992.
- Conference on "Privatization and Regulation in Latin America," University of Illinois, Urbana-Champaign, November 1992.
- Conference on "Regulating Regulators," Duke Law School, November 1992.
- Conference on Empirical Methods in Industrial Organization, Toulouse, France, October 1992.
- "Telecommunications Policy Research Conference," Salomons Island, October 1992.
- International Seminar on Deregulation, Brazilia, August 1992.
- World Bank Conference on "Regulations, Institutions and Economic Efficiency," Berkeley, June 1992.
- NBER Spring 1992 Industrial Organization Conference, Cambridge.
- Innovative Approaches to Energy and Environmental Planning In California, POWER, Sacramento, April 1992.
- Public Choice and Economic Science Association Meetings, New Orleans, March 1992.
- Transmission Access Workshop, POWER, St. Helena, November 1991.
- Xth Annual Meetings of the Latin American Chapter of the Econometric Society, Punta del Este, Uruguay, August 1991.
- Annual Meetings of the Western Economics Association, Seattle, June 1991.
- First Annual Conference of the American Law and Economics Society.
- Conference on "Political Economy of Regulation, Privatization and Deregulation," the World Bank, May 1991.

- Conference on "Electricity Regulation in the Southern Cone," CERES, Montevideo, Uruguay.
- Conference on the "Economics and Politics of Administrative Law and Procedure," Allerton House, May 1991.
- National Bureau of Economic Research "Conference on Industrial Organization," Cambridge, April 1991.
- Annual Conference of the Public Choice Society and of the Economic Science Association, New Orleans, March 1991.
- "Seminar on Airline Economics," Office of the Secretary of Transportation, Washington, DC, February 1991.
- "Telecommunications Policy Research Conference," Airlie House, Virginia, September 1990.
- "Annual Conference of the European Association of Research in Industrial Economics," Lisbon, September 1990.
- "Annual Meetings of the European Economic Association," Lisbon, September 1990.
- "Sixth World Congress of the Econometric Society," Barcelona, August 1990.
- "Fourth Carleton Summer Industrial Organization Conference," Ottawa, July 1990.
- "NBER Conference on Topics in Industrial Organization," July 1990.
- "Western Economic Association Meetings," July 1990.
- "CERES/Fulbright Conference on Institutions and Development," Montevideo, June 1990.
- "Carnegie Mellon Conference on Political Economy," May 1990.
- "Organization of Political Institutions," Yale Law School, April 1990.
- "Understanding and Improving Public Decisionmaking," IGPA, April 1990.
- "Energy Pricing," Columbia University, April 1990.
- "NBER Conference on Political Economics," Boston, February 1990.
- "AEA Winter Meetings," December 1989.
- "Econometric Society Winter Meetings," December 1989.
- "Fulbright/CERES Symposium on the U.S. Experience on Deregulation," August 1989.
- "Carnegie Mellon Conference on Political Economy," discussant, May 1989.
- "Constitution, Property Rights and Indian Economics," University of Montana, Summer 1989.
- "Western Economic Association Meetings," Summer 1989.
- "Econometric Society Summer Meetings," Ann Arbor, Summer 1989.
- "AEA Winter Meetings," December 1988.
- "Econometric Society Winter Meetings," December 1988.
- "Econometric Approaches to Market Power," FTC, Washington DC, July 1988.
- "Antitrust and Efficiency: 100 Years of the Sherman Act," University of California, Berkeley, October 1988.
- "Deregulation and Technological Change," ITAM, Mexico City, October 1988.
- "Carnegie Mellon Conference on Political Economy," May 1988.
- "Econometric Society Winter Meetings," December 1987.
- "Sequoia Institute Conference on Informal Markets," Washington, DC, October 1987.
- "IDB Conference on Latin America in the Emerging Global Information Economy," Sao Paulo, Brazil, November 1987.
- "Summer Meetings of the Econometric Society," Berkeley, August 1987.
- "Carleton Summer Industrial Organization Conference," Carleton, July 1987.
- "Latin American meetings of the Econometric Society," August 1987.
- "Conference on Competition and Antitrust," GSB Stanford, June 1987.
- "World Bank Conference on Trade in Services," Washington, DC, July 1987.
- "Carnegie Mellon Conference on Political Economy," May 1987.

- "Winter Meetings of the Econometric Society," New Orleans, December 1986.
- "AEA meetings," New Orleans, December 1986.
- "Eastern Economic Association Meetings," Philadelphia, April 1986.
- "Conference on Politics of Insurance Crisis," San Francisco, 1986.
- "Econometric Society Meetings," July 1986.
- "World Bank Conference on Trade Liberalization," Lisbon, August 1986.
- "Conference on Public Utility Regulation," UC Berkeley, 1986.
- "Conference on Productivity," CERES, Uruguay, 1986.
- "Latin American Meetings of the Econometric Society," August 1986.
- "World Bank Conference on Trade Liberalization, Bahia, Brazil, August 1986.

#### **WORKSHOPS AT INSTITUTIONS:**

- Positive Political Theory Workshop, University of California, Berkeley, February 1994.
- Interdisciplinary Seminar, University of California, Berkeley, November 1993.
- Industrial Organization Workshop, Washington University, St. Louis, January 1993.
- Management and Strategy Workshop, Kellogg Graduate School, November 1992.
- Industrial Organization Workshop, Yale University, November 1992.
- Industrial Organization Workshop, Texas A&M, October 1992.
- Political Sciences Workshop, University of California, San Diego, May 1992.
- Claremont Graduate School, March 1992.
- Industrial Organization Workshop, University of California, Berkeley, February 1992.
- QSPS Seminar, University of California, Berkeley, November 1991.
- John Hopkins University, November 1991.
- University of Southern California, Los Angeles, October 1991.
- University of Illinois, Champaign-Urbana, October 1991.
- University of California, Los Angeles, September 1991.
- University of California, Berkeley, September 1991.
- Universidad de San Andrés, Buenos Aires, September 1991.
- Merriam Laboratory for Analytical Research in Political Sciences, May 1991.
- George Mason University, February 1991.
- University of California, Irvine, November 1990.
- University of California, San Diego, May 1990.
- Vanderbilt University, April 1990.
- University of Pennsylvania, April 1990.
- Indiana University, March 1990.
- MIT, Industrial Organization Workshop, February 1990.
- Purdue University, February 1990.
- Hoover Institution Collective Choice Seminar, January 1990.
- University of California Berkeley, Fall 1989.
- Joint University of Southern California/UCLA, Fall 1989.
- University of Rochester, joint Economics and Political Sciences, Fall 1989.
- University of Chicago, IO Workshop, Fall 1989.
- University of Chicago, Economic History Workshop, Fall 1989.
- University of Chicago, Public Policy Workshop, Fall 1989.
- University of Illinois Law School, Spring 1989.
- Latin American Center, UIUC, Spring 1989.

- University of California, Santa Barbara, IO Workshop, Spring 1989.
- University of Arizona, IO Workshop, Spring 1989.
- UCLA, IO Workshop, Spring 1989.
- Hoover Institution, Collective Choice Seminar, Winter 1989.
- University of California, Berkeley, IO Workshop, Fall 1988.
- Claremont McKenna College, IO Workshop, Fall 1988.
- USC/Caltech joint Econometrics Workshop, Fall 1988.
- University of Miami, Florida, Fall 1988.
- Carleton University, IO Workshop, Ottawa, Fall 1988.
- Toronto University, IO Workshop, Fall 1988.
- University of Chicago, IO Workshop, Fall 1988
- World Bank, Fall 1988
- Merriam Laboratory Workshop, U of I, 1987
- UC Berkeley, IO Workshop, 1987.
- Northwestern University, IO workshop, 1987.
- FTC, 1987
- Justice Department, Washington, DC, 1987
- University of Maryland, IO Workshop, 1987.
- UC San Diego, Applied Micro Workshop, 1987.
- Graduate School of Business, Stanford, 1987.
- University of California, Los Angeles, 1987.
- University of Washington, 1986.
- University of Illinois, 1986.
- University of California, Davis, 1986.

#### **TEACHING AT THE UNIVERSITY OF ILLINOIS:**

**Graduate Regulation (482):** 1987/1988, 1988/1989, 1989/1990, 1990/1991, 1992/1993.

**Undergraduate Regulation (288):** 1987/1988.

**Undergraduate Industrial Organization (389):** 1989/1990.

**Intermediate Micro (300):** 1989/1990, 1990/1991, 1992/1993.

**Agency in the Theory of Economics, Business and Politics (490):** 1988/1989.

**Listed in the Teachers Ranked Excellent by their Students:** Spring 1991, Fall 1989, Spring 1988.

#### **TEACHING AT THE UNIVERSITY OF CALIFORNIA, BERKELEY:**

**Business and Public Policy,** Spring 1994.

**The Economics of Political Institutions:** Spring 1992, Spring 1994.

Graduate Seminar in Public Policy, Spring 1992, Fall 1993.

Listed in the Dean's List for Teaching Excellence: Spring 1992.

**DOCTORAL DISSERTATION COMMITTEES AT UNIVERSITY OF ILLINOIS:**

- Susan McMaster.
- Nichola Dyer, Chair.
- Rafael Gely (1991), Chair, Assistant Professor of Management, Texas A&M University.
- Santiago Urbiztondo (1991), Chair, Assistant Professor of Economics, Universidad San Andres, Buenos Aires.
- Hee Soo Chung (1991), member.
- Nuelwa Netusil (1991), member.

**UNIVERSITY OF ILLINOIS COMMITTEE WORK:**

- 1992/1993, College Research Committee.
- 1990/1991, Advisory Committee, Economics Department.
- 1988/1989, Recruiting Committee, Economics Department.
- 1987/1988, Executive Committee, Economics Department.



Graduate Seminar in Public Policy, Spring 1992, Fall 1993.

Listed in the *Dean's List for Teaching Excellence*: Spring 1992.

**DOCTORAL DISSERTATION COMMITTEES AT UNIVERSITY OF ILLINOIS:**

- Susan McMaster.
- Nichola Dyer, Chair.
- Rafael Gely (1991), Chair, Assistant Professor of Management, Texas A&M University.
- Santiago Urbiztondo (1991), Chair, Assistant Professor of Economics, Universidad San Andres, Buenos Aires.
- Hee Soo Chung (1991), member.
- Nuelwa Netusil (1991), member.

**UNIVERSITY OF ILLINOIS COMMITTEE WORK:**

- 1992/1993, College Research Committee.
- 1990/1991, Advisory Committee, Economics Department.
- 1988/1989, Recruiting Committee, Economics Department.
- 1987/1988, Executive Committee, Economics Department.